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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/025,395	02/16/98	KY L BECK	

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EXAMINER

GRANDE, JEFFREY, JR.

ART UNIT

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17

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Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Regards,

M.D. Banks-Harold  
(703) 305-4379

## Office Action Summary

Application No. 09/025,395	Applicant(s) RYDBECK ET AL.
Examiner Marsha D. Banks-Harold	Group Art Unit 2682

Responsive to communication(s) filed on Oct 23, 2000

This action is FINAL.

Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

### Disposition of Claim

- Claim(s) 11-23 is/are pending in the application.  
Of the above, claim(s) 20-23 is/are withdrawn from consideration.  
 Claim(s) \_\_\_\_\_ is/are allowed.  
 Claim(s) 11-19 is/are rejected.  
 Claim(s) \_\_\_\_\_ is/are objected to.  
 Claims \_\_\_\_\_ are subject to restriction or election requirement.

### Application Papers

- See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.  
 The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.  
 The proposed drawing correction, filed on \_\_\_\_\_ is  approved  disapproved.  
 The specification is objected to by the Examiner.  
 The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. § 119

- Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).  
 All  Some\*  None of the CERTIFIED copies of the priority documents have been  
 received.  
 received in Application No. (Series Code/Serial Number) \_\_\_\_\_  
 received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \*Certified copies not received: \_\_\_\_\_

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

### Attachment(s)

- Notice of References Cited, PTO-892  
 Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_  
 Interview Summary, PTO-413  
 Notice of Draftsperson's Patent Drawing Review, PTO-948  
 Notice of Informal Patent Application, PTO-152

-- SEE OFFICE ACTION ON THE FOLLOWING PAGES --

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**DETAILED ACTION**

***Election/Restriction***

1. Newly submitted claims 20-23 are directed to an invention that is independent or distinct from the invention originally claimed for the following reasons: newly submitted claims are drawn to an invention that requires a transceiver unit comprising: a transceiver, a microprocessor, a computer memory, an audio processing unit, a main bus, a microphone and a speaker, where the main bus of the transceiver unit is connected to a secondary bus of an entertainment module for the purpose of interconnecting a removably mountable entertainment module that is comprised by an adapter, where the entertainment module comprised a battery providing power to the entertainment module and the transceiver unit.

Since applicant has received an action on the merits for the originally presented invention, this invention has been constructively elected by original presentation for prosecution on the merits. Accordingly, claims 20-23 are withdrawn from consideration as being directed to a non-elected invention. See 37 CFR 1.142(b) and MPEP § 821.03.

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***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. While applicant may be his or her own lexicographer, a term in a claim may not be given a meaning repugnant to the usual meaning of that term. See *In re Hill*, 161 F.2d 367, 73 USPQ 482 (CCPA 1947). The term "computer memory" in claim 11 is used by the claim to mean "all forms of computer memory but does not include disk storage, tape storage or other memory requiring electromechanical read systems," while the accepted meaning **does** include the forms excluded by applicant (e.g., CD). According to Newton, CD or CD ROM means "memory used for computers." Thus, for the purpose of this rejection, the term computer memory is read based on the usual meaning of the term.

In order to expedite prosecution, the examiner suggests that applicant contact the examiner for an interview so that the above mentioned issue may be resolved.

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***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

3. ***Claims 11-12 and 14*** are rejected under 35 U.S.C. 102(e) as being anticipated by Futami (GB 2308775A).

Regarding **claim 11**, Futami discloses a portable telephone set and entertainment unit with a wireless headset, where the entertainment unit is constituted by a CD, as disclosed on page 14, lines 6-11, which inherently provides support for the audio and video signals, since it is well known in the art that CDS are used for both audio and video signals, which reads on the claimed “cellular telephone having an entertainment module for playing pre-recorded audio and video signals”. In addition, Futami discloses a radio telephone unit (12) used for the transmission and reception of communication information, as exhibited in FIG. 2, which reads on the claimed “transceiver”; a control unit (17) for controlling the operation of the radio telephone unit (12), as exhibited in FIG. 2, which reads on the claimed “microprocessor”; a transmission/reception unit (15) operatively connected to the radio telephone unit (12) and to the control unit (17) used for processing the signals transmitted and received by the radio telephone unit (12), as exhibited in

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FIG.2, which reads on the claimed “signal processing unit”; and an audio reproduction unit (16) with a computer memory (e.g., cassette player, CD, etc.) operatively connected to the control unit (17) and the transmission/reception unit (15) used for storing the audio and the video signals for future playback, as exhibited in FIG. 2, which reads on the claimed “entertainment module”.

Regarding **claim 12**, Futami discloses everything claimed, as applied above (see **claim 11**), in addition, Futami inherently provides support for the memory being erasable and programmable, as evidenced by the fact that it is well known in the art for the memory of CDS to be erasable and programmable, as exhibited in FIG. 2 and disclosed on page 14, lines 6-11.

Regarding **claim 14**, Futami discloses everything claimed, as applied above (see **claim 11**), in addition, Futami inherently provides support for the memory being permanent and removable, as evidenced by the fact that it is well known in the art for the memory of CDS to be permanent and for the CDS to be removable, as exhibited in FIG. 2 and disclosed on page 14, lines 6-11.

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***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. ***Claims 13 and 15-16*** are rejected under 35 U.S.C. 103(a) as being unpatentable over Futami in view of well known prior art (MPEP 2144.03).

Regarding **claim 13**, Futami discloses everything claimed, as applied above (see **claim 12**), however, Futami fails to specifically disclose an input used for downloading information. However, the examiner takes official notice of the fact that it is well known in the art to use inputs for downloading information.

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Futami by providing for the input for downloading information, for the purpose of providing a specific means used for obtaining information from various sources.

Regarding **claim 15**, Futami discloses everything claimed, as applied above (see **claim 11**), in addition, Futami inherently discloses support for a memory that is programmable and erasable and where the memory is permanent, as evidenced by the fact that it is well known in the art for the memory of CDS to be erasable, programmable and permanent, as exhibited in FIG. 2

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and disclosed on page 14, lines 6-11. However, Futami fails to specifically disclose where the memories are two separate memories. However, the examiner takes official notice of the fact that the use of RAM and ROM memories is well known in the art.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Futami by providing for the two separate well known RAM and ROM memories, for the purpose of providing means necessary to provide the user of a communication device with the ability to separate stored information based on the need to change or not to change the stored information.

Regarding **claim 16**, Futami and well known prior art disclose everything claimed, as applied above (see **claim 15**), in addition, Futami inherently provides support for the memory being removable and interchangeable, as evidenced by the fact that it is well known in the art for CDS to be removable and thus interchangeable, as exhibited in FIG. 2 and disclosed on page 14, lines 6-11.

5. **Claims 17-18** are rejected under 35 U.S.C. 103(a) as being unpatentable over Futami in view of well known prior art (MPEP 2144.03) further in view of Benedetto et al. (U.S. Patent Number 4,591,661).

Regarding **claim 17**, Futami and well known prior art disclose everything claimed, as applied above (see **claim 12**), in addition, Futami discloses where the audio signals from the inherent memory (see **claim 12**) are directed to the earphone/microphone unit (2), as exhibited in

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FIG. 2, however the Futami combination fails to specifically disclose where the headset is connected to a headset port in the telephone, however, the examiner contends that this connection is well known in the art, as taught by Benedetto et al..

In a similar field of endeavor, Benedetto et al. discloses a portable cordless telephone transceiver-radio receiver. In addition, Benedetto et al. discloses where a headset (60) is connected to a jack receptacles 42-45, as disclosed at column 3, lines 8-10.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the Futami combination by providing for the connection of the headset to the telephone, as taught by Benedetto et al. for the purpose of providing a means of electrically connecting the headset to the telephone.

Regarding **claim 18**, the Futami combination discloses everything claimed, as applied above (see **claim 12**), in addition Futami discloses where the control unit (17) shuts off the audio reproduction unit (16) based on a call being received, as disclosed on page 7, line 26- page 8, line 4.

6. **Claim 19** is rejected under 35 U.S.C. 103(a) as being unpatentable over Futami in view of well known prior art (MPEP 2144.03) further in view of Chin (U.S. Patent Number 5,661,788) further in view of Kitamura (U.S. Patent Number 5,987,106).

Regarding **claim 19**, the Futami combination discloses everything claimed, as applied above (see **claim 15**), in addition Futami discloses where the audio output was stopped based on

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an incoming call, as disclosed on page 7, line 26 through page 8, line 4, however, Futami fails to specifically disclose where a list of preferred callers was used to determine who to actually accept a call from and where the audio was impacted based on a preferred caller. However, the examiner contends that the acceptance of calls based on a preferred list in addition to the stopping of audio output in response to a preferred caller is well known in the art, as taught by Chin and Kitamura.

Regarding the “preferred list of callers”, in a similar field of endeavor, Chin discloses a method and system used for selectively altering user and answering preferred telephone calls. In addition, Chin discloses where a list of preferred callers are stored in selection memory (112) and where the list is used only to accept calls from those callers stored on the list, as disclosed at column 4, lines 43-51.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the Futami combination by providing for the preferred list of callers, as taught by Chin, for the purpose of avoiding undesired incoming telephone calls, as taught by Chin at column 1, lines 45-47.

Regarding the “stopping of audio output in response to a preferred caller”, in a similar field of endeavor, Kitamura discloses an automatic volume control system and method for use in a multi-media computer system. In addition, Kitamura discloses where the audio for audio generating components is muted based on the detection of a call from a priority caller, as disclosed at column 6, lines 37- column 7, line 7.

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Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the Futami combination by providing for the muting of audio generated by audio generating components based on the detection of a call from a priority caller, as taught by Kitamura, for the purpose of being able to provide different volume control strategies based on the priority level of a received call, as taught by Kitamura at column 1, lines 65-68.

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***Conclusion***

7. Any response to this office action should be mailed to:

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

or faxed to:

(703) 305-9051, (for formal communications intended for entry)

Or:

(703) 305-9508 (for informal or draft communications, please label  
"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park 11, 2021 Crystal Drive,  
Arlington, VA., Sixth Floor (Receptionist).

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marsha D. Banks-Harold whose telephone number is (703) 305-4379. The examiner can normally be reached on Monday through Thursday (first week of bi-week) and Monday through Friday (second week of bi-week) from 6:30 a.m. to 5:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Reinhard Eisenzopf, can be reached on (703) 305-4711. The fax phone number for this Group is (703) 305-9508.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-4700.

MDB-H/mdB-h  
December 5, 2000

*Marsha D. Banks-Harold*  
**MARSHA BANKS-HAROLD**  
**PATENT EXAMINER**